

IN THE ABSTRACT:

The abstract of the discloser is modified to read as follows:

"A transfer switch is disposed between an output terminal of a photoelectric converter and an input terminal of an amplifier. The input terminal of the amplifier being connected to a reset switch. After accumulation of a light signal of the photoelectric converter, a reference signal held at the input terminal of the amplifier is read from the output terminal of the amplifier, the transfer switch is ~~opened~~ turned on to transfer light signal charge of the photoelectric converter to the input terminal of the amplifier, after the transfer switch is ~~closed~~ turned off, a light signal held at the input terminal of the amplifier is read from the output terminal of the amplifier as a light signal, the transfer switch and the reset switch are ~~opened~~ turned on to reset the output terminal of the photoelectric converter and the input terminal of the amplifier, and after the reset switch is ~~closed~~ turned off, the transfer switch is ~~closed~~ turned off."